Fearch Hort. J. (15 pp.) (7/26/04)

| (257/296) or (257/298) or (257/300) or (257/300) or (257/306) or (257/516) or (257/516) or (257/701) or (257/701) or (257/701) or (257/516) or (257/516) or (257/701) or (257/701) or (257/701) or (257/701) or (257/516) or (257/701) or (257/701) or (257/701) or (257/516) or (25                           | amp<br>/26 11:15 |
|--|------------------|
| (257/296) or (257/298) or (257/300) or (257/300) or (257/303) or (257/306) or (257/516) or (257/701) or (257/701) or (257/516) or (257/516) or (257/701) or (257/701) or (257/516) or (257/701) or (257/701) or (257/516) or (257/516) or (257/701) or (257/701) or (257/516) or (257/516) or (257/516) or (257/516) or (257/516) or (257/516) or (257/701) or (257/701) or (257/701) or (257/701) or (257/701) or (257/516) or (257/516) or (257/701) or (257/                         | /26 11:15        |
| (257/303) or (257/306) or (257/516) or (257/701) or (257/700).CCLS.   EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; US-PGPUB; U                           |                  |
| C257/701) or (257/700)).CCLS.   DERWENT;   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   USPAT;   US-PGPUB;   USPAT;   US-PGPUB;   USPAT;   US-PGPUB;   USPAT;   US-PGPUB;   USPAT;   US-PGPUB;   USPAT;                             |                  |
| TIM TDB  |                  |
| 2 1191 257/309 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; ISM TDB US-PGPUB; EPO; JPO; DERWENT; ISM T                         |                  |
| Second                            | /26 11.16        |
| Second                            | /20 11:10        |
| DERWENT;   IBM TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM TDB   USPAT;                            |                  |
| Second                            |                  |
| 3 3238 257/306 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; US-PGPUB; USPĀT; US-PGPUB; USPĀT; US-PGPUB; USPĀT; US-PGPUB; USPĀT; US-PGPUB; USPĀT; US-PGPUB; US-PGPU                         |                  |
| A  | /26 11:16        |
| EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; DERWENT; IBM TDB USPAT;                         | ,                |
| TBM_TDB  |                  |
| 4 2276 257/532 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; USPĀT USPĀT; USPĀT US                         |                  |
| S-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; IBM TDB ((((257/68) or (257/71) or (257/277) or USPĀT;                            |                  |
| EPO; JPO; DERWENT; IBM_TDB  5 427 257/534  0 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  11391 (((257/68) or (257/71) or (257/277) or USPAT; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309  7 5 ((((257/68) or (257/700)).CCLS.) 257/309 DERWENT; IBM_TDB  1 (((257/296) or (257/298) or (257/277) or USPAT; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309  1 (257/306) CEST/700).CCLS.) 257/309 DERWENT; EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; EPO; JPO; (257/701) or (257/532) 257/534) and (BPSG) IBM_TDB  | /26 11:16        |
| DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534  TO  Solve the companies of the co                         |                  |
| TBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; IBM_TDB   USPAT; USPA                           |                  |
| 5 427 257/534 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  6 11391 (((257/68) or (257/71) or (257/277) or USPĀT; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 1BM_TDB  7 5 ((((257/68) or (257/71) or (257/277) or USPĀT; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; (257/306 257/532 257/534) and (BPSG IBM_TDB  |                  |
| US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>(((257/296) or (257/298) or (257/300) or US-PGPUB;<br>(257/303) or (257/306) or (257/516) or EPO; JPO;<br>(257/701) or (257/700)).CCLS.) 257/309<br>(257/306 257/532 257/534<br>The state of the state of |                  |
| EPO; JPO; DERWENT; IBM_TDB  (((257/68) or (257/71) or (257/277) or USPAT; 2004/07 (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309  ((((257/68) or (257/71) or (257/277) or USPAT; 257/306 257/532 257/534 IBM_TDB USPAT; (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309  (257/701) or (257/700)).CCLS.) 257/309  (257/306 257/532 257/534) and (BPSG IBM_TDB  | /26 11:16        |
| DERWENT; IBM_TDB  (((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (US-PGPUB; (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309  (((257/701) or (257/700)).CCLS.) 257/309  ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (US-PGPUB; (257/303) or (257/298) or (257/300) or (US-PGPUB; (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309  (257/701) or (257/700)).CCLS.) 257/309 (257/306 257/532 257/534) and (BPSG  DERWENT;  1BM_TDB  2004/07  US-PGPUB; EPO; JPO; DERWENT; 1BM_TDB  |                  |
| 6 11391 (((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 1BM_TDB ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 1BM_TDB   |                  |
| 6 11391 (((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 1BM_TDB ((((257/68) or (257/298) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534) and (BPSG IBM_TDB  |                  |
| (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309  (257/306 257/532 257/534  (((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309  (257/306 257/532 257/534) and (BPSG  (US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   | /26 11.16        |
| (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 (257/306 257/532 257/534  ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 (257/306 257/532 257/534) and (BPSG  (257/308 DERWENT; IBM_TDB  | /26 11:16        |
| (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534  5 ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534) and (BPSG IBM_TDB  |                  |
| 257/306 257/532 257/534   IBM_TDB   ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (US-PGPUB; (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309   DERWENT; (257/306 257/532 257/534) and (BPSG   IBM_TDB   |                  |
| 5 ((((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534) and (BPSG IBM_TDB   |                  |
| (257/296) or (257/298) or (257/300) or US-PGPUB; (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534) and (BPSG IBM_TDB   | /26 11:18        |
| (257/303) or (257/306) or (257/516) or EPO; JPO; (257/701) or (257/700)).CCLS.) 257/309 DERWENT; 257/306 257/532 257/534) and (BPSG IBM_TDB  | ,                |
| 257/306 257/532 257/534) and (BPSG IBM_TDB   |                  |
|  |                  |
|  |                  |
| boro-phospho adj silicate adj glass) near3   |                  |
| (germanium ge) and etch\$3 and (corrugat\$3  |                  |
| rippl\$3 rougness rough)   |                  |
|  | /26 11:18        |
| (257/296) or (257/298) or (257/300) or US-PGPUB;   |                  |
| (257/303) or (257/306) or (257/516) or EPO; JPO;   |                  |
| (257/701) or (257/700)).CCLS.) and (BPSG DERWENT; boro-phospho adj silicate adj glass) near3 IBM TDB   |                  |
| (germanium ge) and etch\$3 and (corrugat\$3  |                  |
| rippl\$3 rougness rough)   |                  |
|  | /23 16:33        |
| germanium adj boro-silicate glass or US-PGPUB;   |                  |
| ge-bpsg) and capacitor and dram and EPO; JPO;  |                  |
| (corrugat\$3 or rippl\$3) DERWENT;   |                  |
| IBM_TDB  |                  |
|  | /08 14:00        |
| germanium adj boro-silicate glass or US-PGPUB;   |                  |
| ge-bpsg) and capacitor and dram and EPO; JPO;  |                  |
| (corrugat\$3 or rippl\$3)) and (rippl\$3 or DERWENT;   |                  |
| corrugat\$3) near12 (capacitor adj2 wall) IBM_TDB  | /00 11 00        |
|  | /08 14:00        |
| germanium adj boro-silicate glass or US-PGPUB; ge-bpsg) and capacitor and dram and EPO; JPO;   |                  |
| ge-bpsg) and capacitor and dram and EPO; JPO; (corrugat\$3 or rippl\$3)) and (rippl\$3 or DERWENT;   |                  |
| corrugat\$3) near12 (capacitor adj2 (plate   IBM TDB   |                  |
| or wall))  |                  |
|  | /08 14:14        |
| glass or bpsg or germanium adj US-PGPUB;   | ,                |
| (borosilicate or boro-silicate) adj glass EPO; JPO;  |                  |
| or ge-bpsg) near12 (stack\$2 or DERWENT;   |                  |
| alternat\$3)) same capacitor and (memory IBM_TDB   |                  |
| adj3 (cell or device)) and dram  |                  |

| - | 43 | ((((borosilicate or boro-silicate) adj<br>glass or bpsg or germanium adj<br>(borosilicate or boro-silicate) adj glass<br>or ge-bpsg) nearl2 (stack\$2 or  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2002/02/08 14:14 |
|---|----|---|---|------------------|
| _ | 0  | alternat\$3)) same capacitor) and (memory adj3 (cell or device)) and dram ((((borosilicate or boro-silicate) adj  | IBM_TDB   | 2002/02/08 14:15 |
|   |    | glass or bpsg or germanium adj<br>(borosilicate or boro-silicate) adj glass<br>or ge-bpsg) near12 (stack\$2 or<br>alternat\$3)) same (rippl\$3 or corrugat\$3)  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           |                  |
| - | 41 | same capacitor) and (memory adj3 (cell or device)) and dram ((((borosilicate or boro-silicate) adj glass or bpsg or germanium adj   | USPAT;<br>US-PGPUB;                                     | 2002/02/08 14:16 |
|   |    | (borosilicate or boro-silicate) adj glass<br>or ge-bpsg) nearl2 (stack\$2 or<br>alternat\$3)) same capacitor) and (rippl\$3<br>or stack\$2) and (memory adj3 (cell or<br>device)) and dram  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                        |                  |
| _ | 2  | <pre>((((borosilicate or boro-silicate) adj glass or bpsg or germanium adj (borosilicate or boro-silicate) adj glass or ge-bpsg) near12 (stack\$2 or alternat\$3)) same capacitor) and ((rippl\$3 or stack\$2) near12 (capacitor adj2 (plate or wall))) and (memory adj3 (cell or</pre>     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/02/08 14:19 |
| - | 0  | device)) and dram ((((borosilicate or boro-silicate) adj glass or bpsg or germanium adj (borosilicate or boro-silicate) adj glass or ge-bpsg) near12 (stack\$2 or   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2002/02/08 14:20 |
|   |    | alternat\$3)) same capacitor) and ((rippl\$3 or corrugat\$2) near12 (capacitor adj2 (plate or wall))) and (memory adj3 (cell or device)) and dram   | IBM_TDB   |                  |
| _ | 0  | <pre>((((borosilicate or boro-silicate) adj glass or bpsg or germanium adj (borosilicate or boro-silicate) adj glass or ge-bpsg) nearl2 (stack\$2 or alternat\$3)) same capacitor) and ((rippl\$3 or corrugat\$2) nearl2 (plate or wall)) and (memory adj3 (cell or device)) and dram</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB             | 2002/02/08 14:20 |
| _ | 0  |   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB             | 2002/02/08 14:21 |
| _ | 0  | ((((borosilicate or boro-silicate) adj<br>glass or bpsg or germanium adj<br>(borosilicate or boro-silicate) adj glass<br>or ge-bpsg) near12 (stack\$2 or<br>alternat\$3)) same capacitor) and ((rippl\$3<br>or corrugat\$2) near12 (plate or wall))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/02/08 14:21 |
| - | 0  |   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/02/08 14:22 |
| - | 2  | (((borosilicate or boro-silicate) adj<br>glass or bpsg or germanium adj<br>(borosilicate or boro-silicate) adj glass<br>or ge-bpsg) near12 capacitor) and   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2002/02/08 15:32 |
| - | 0  | <pre>((rippl\$3 or corrugat\$2) near12 capacitor) ((germanium adj (borosilicate or boro-silicate) adj glass or ge-bpsg) near12 (borosilicate or boro-silicate) adj glass) near12 (capacitance or capacitor or</pre>   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2002/02/08 15:35 |
|   |    | stacked or stacking)  | IBM_TDB   |                  |

|   |          | <del></del>   |                     |                  |
|---|----------|---|---------------------|------------------|
| - | 512      | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:37 |
|   |          | boro-silicate) adj glass or ge-bpsg)  | US-PGPUB;           |                  |
|   |          | near12 (borosilicate or boro-silicate) adj  | EPO; JPO; DERWENT;  |                  |
|   |          | glass or bpsg) near12 (capacitance or capacitor or stacked or stacking or           | IBM TDB             |                  |
|   |          | alternate or alternating or alternatingly)  | <sup>10M</sup> -10B |                  |
| _ | 51       | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:37 |
| 1 |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           | 2002,02,00 10:0. |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsg) near12 (capacitance or capacitor   | DERWENT;            |                  |
|   |          | or stacked or stacking or alternate or  | IBM TDB             |                  |
|   |          | alternating or alternatingly)   | _                   |                  |
| - | 646      | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:37 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           |                  |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsg) with (capacitance or capacitor or  | DERWENT;            | ļ                |
|   |          | stacked or stacking or alternate or   | IBM_TDB             | [                |
|   | F.1      | alternating or alternatingly)   |                     | 2000/00/00 15 25 |
| _ | 51       | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:37 |
|   |          | boro-silicate) adj glass or ge-bpsg) with (borosilicate or boro-silicate) adj glass | US-PGPUB;           |                  |
|   |          |   | EPO; JPO;           |                  |
|   |          | or bpsg) near10 (capacitance or capacitor or stacked or stacking or alternate or    | DERWENT;<br>IBM TDB |                  |
|   |          | alternating or alternatingly)   | 11.1_100            |                  |
| _ | 38       | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:38 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           |                  |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsg) near10 (capacitance or capacitor   | DERWENT;            |                  |
|   |          | or stacked or stacking or alternate or  | IBM TDB             |                  |
|   | <u> </u> | alternating or alternatingly) and dram  | _                   |                  |
| - | 30       | ((germanium adj (borosilicate or  | USPAT               | 2002/02/08 15:46 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   |                     |                  |
|   |          | (borosilicate or boro-silicate) adj glass   |                     |                  |
|   |          | or bpsg) near10 (capacitance or capacitor   |                     |                  |
|   |          | or stacked or stacking or alternate or alternating or alternatingly) and dram       |                     |                  |
| _ | 0        | ((germanium adj (borosilicate or  | USPAT               | 2002/02/08 15:40 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | OSIAI               | 2002/02/00 13.40 |
|   |          | (borosilicate or boro-silicate) adj glass   |                     |                  |
|   |          | or bpsg) near10 (capacitance or capacitor   |                     |                  |
|   |          | or stacked or stacking or alternate or  |                     |                  |
|   |          | alternating or alternatingly) and dram and  |                     |                  |
|   |          | corrugat\$3   |                     |                  |
| - | 0        | , , , , ,   | USPAT;              | 2002/02/08 15:40 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           |                  |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsg) near10 (capacitance or capacitor   | DERWENT;            |                  |
|   |          | or stacked or stacking or alternate or  | IBM_TDB             |                  |
|   |          | alternating or alternatingly) and dram and corrugat\$3                              |                     |                  |
| _ | 0        | ((germanium adj (borosilicate or  | USPAT;              | 2002/02/08 15:41 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           | 2002/02/00 13.41 |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsq) near10 (capacitance or capacitor   | DERWENT;            |                  |
|   |          | or stacked or stacking or alternate or  | IBM TDB             |                  |
|   |          | alternating or alternatingly) and dram and  | _ ,                 |                  |
|   |          | (rippl\$3 or corrugat\$3)   |                     |                  |
| - | 0        | (   | USPAT;              | 2002/02/08 15:42 |
|   |          | boro-silicate) adj glass or ge-bpsg) with   | US-PGPUB;           |                  |
|   |          | (borosilicate or boro-silicate) adj glass   | EPO; JPO;           |                  |
|   |          | or bpsg) near10 (capacitance or capacitor   | DERWENT;            |                  |
|   |          | or stacked or stacking or alternate or alternating or alternatingly) and dram and   | IBM_TDB             |                  |
|   |          | (rippl\$3 or corrugat\$3 or standing adj  |                     |                  |
|   | [        | wav\$3)   |                     |                  |
| - | 30       | (ge-bpsg and (borosilicate or   | USPAT               | 2002/02/08 15:47 |
|   |          | boro-silicate) adj glass or bpsg) near10  |                     | ,,,,,,,,,        |
|   |          | (capacitance or capacitor or stacked or   |                     |                  |
| † |          | stacking or alternate or alternating or   |                     |                  |
|   |          | alternatingly) and dram   |                     |                  |

| -  | 0   | (ge-bpsg and (borosilicate or   | USPAT     | 2002/02/08 15:48 |
|----|-----|---|-----------|------------------|
|    |     | boro-silicate) adj glass or bpsg) near10  |           | ]                |
|    |     | (capacitance or capacitor or stacked or   |           | 1                |
|    |     | stacking or alternate or alternating or   |           | 1                |
|    |     | alternatingly) and (rippl\$3 or corrugat\$3)  |           | 1                |
|    |     | and dram  |           |                  |
| -  | 0   | 1 (3 (  | USPAT     | 2002/02/08 15:49 |
| İ  |     | boro-silicate) adj glass or bpsg) near10  |           |                  |
|    |     | (capacitance or capacitor or stacked or   |           |                  |
|    |     | stacking or alternate or alternating or   |           |                  |
|    |     | alternatingly) and (rippl\$3 or corrugat\$3)  |           |                  |
| -  | 0   | (ge-bpsg near10 (capacitance or capacitor   | USPAT     | 2002/02/08 15:50 |
|    |     | or stacked or stacking or alternate or  |           |                  |
| 1  |     | alternating or alternatingly)) and  |           | ł                |
|    |     | (rippl\$3 or corrugat\$3)   |           |                  |
| -  | 0   | (ge-bpsg or germanium-boro-phospho adj  | USPAT     | 2002/02/08 15:56 |
|    |     | silicate adj glass or germanium adj   |           |                  |
| į. |     | boro-phospho adj silicate adj glass or  |           |                  |
|    |     | germanium-boro-phospho-silicate adj glass   |           |                  |
|    |     | or germanium adj boro adj phospho adj   |           |                  |
|    |     | silicate adj glass) same (stacked or  |           |                  |
|    |     | stacking or alternating or alternate or   | 1         |                  |
|    |     | alternately or multi-layer or multi adj   |           |                  |
| ļ  |     | layer or laminat\$3)  |           |                  |
| _  | 2   | ge-bpsg or germanium-boro-phospho adj   | USPAT     | 2002/02/08 15:56 |
|    | _   | silicate adj glass or germanium adj   | USTAI     | 2002/02/08 13.30 |
|    |     | boro-phospho adj silicate adj glass or  |           |                  |
|    |     |   |           |                  |
|    |     | germanium-boro-phospho-silicate adj glass   |           |                  |
|    |     | or germanium adj boro adj phospho adj   |           |                  |
|    | ,   | silicate adj glass or ge-bpsg   | TIOD A M  | 2002/02/00 10:00 |
| _  | 1   | 5648175.pn.   | USPAT     | 2002/02/09 10:09 |
| _  | 14  | (("5061650") or ("5240871") or ("5300801")  | USPAT     | 2002/02/09 10:14 |
|    |     | or ("5466627") or ("5637523") or  |           |                  |
|    |     | ("5656536") or ("5827783") or ("5843822")   |           |                  |
|    |     | or ("5879987") or ("6025225") or  |           |                  |
|    |     | ("6027970") or ("6028763") or ("6060355")   |           |                  |
| 1  | .   | or ("6074926")).PN.   |           |                  |
| _  | 0   | ((("5061650") or ("5240871") or   | USPAT;    | 2002/02/09 10:14 |
|    |     | ("5300801") or ("5466627") or ("5637523")   | US-PGPUB; |                  |
|    |     | or ("5656536") or ("5827783") or  | EPO; JPO; |                  |
|    |     | ("5843822") or ("5879987") or ("6025225")   | DERWENT;  |                  |
|    |     | or ("6027970") or ("6028763") or  | IBM_TDB   |                  |
|    |     | ("6060355") or ("6074926")).PN.) and  | ļ         |                  |
|    |     | corrugat\$3 and capacit\$3 and bpsg and   |           |                  |
|    | _   | ge-bpsg   |           | 0000/00/00       |
| -  | 0   | ,   | USPAT;    | 2002/02/09 10:14 |
|    |     | ("5300801") or ("5466627") or ("5637523")   | US-PGPUB; |                  |
|    |     | or ("5656536") or ("5827783") or  | EPO; JPO; |                  |
|    |     | ("5843822") or ("5879987") or ("6025225")   | DERWENT;  | ]                |
|    |     | or ("6027970") or ("6028763") or  | IBM_TDB   |                  |
|    |     | ("6060355") or ("6074926")).PN.) and  |           |                  |
|    |     | capacit\$3 and bpsg and ge-bpsg   |           |                  |
| -  | 118 | ` ` ` · · · · · · · · · · · · · · · ·   | USPAT;    | 2002/02/09 10:18 |
|    |     | surface) near5 (rough\$5 or etch\$3)  | US-PGPUB; |                  |
| ]  |     |   | EPO; JPO; |                  |
|    |     |   | DERWENT;  |                  |
|    |     |   | IBM_TDB   |                  |
| -  | 0   | ( ( ) , course of the cou | USPĀT;    | 2002/02/09 10:17 |
|    |     | surface) near5 (rough\$5 or etch\$3) and  | US-PGPUB; |                  |
|    |     | "L14"   | EPO; JPO; |                  |
|    |     |   | DERWENT;  |                  |
|    |     |   | IBM TDB   |                  |
| -  | 0   | ((increase near5 capacitance) near5   | USPAT;    | 2002/02/09 10:17 |
|    |     | surface) near5 (rough\$5 or etch\$3) and  | US-PGPUB; |                  |
|    |     | "L14"   | EPO; JPO; |                  |
|    |     |   | DERWENT;  |                  |
|    | İ   |   | IBM TDB   |                  |
| ·  | ·   |   |           | I                |

|              | 1 2 1    | 1 / / / # F O C 1 C F O H \   | T transm.  | 1 2002 /02 /02 10-10 |
|--------------|----------|---|--|----------------------|
| <del>-</del> | 131      | ((("5061650") or ("5240871") or ("5300801") or ("5466627") or ("5637523") | USPAT;<br>US-PGPUB;                              | 2002/02/09 10:18     |
|              |          | or ("5656536") or ("5827783") or  | EPO; JPO;  |                      |
|              |          | ("5843822") or ("5879987") or ("6025225")                                 | DERWENT;   |                      |
|              |          | or ("6027970") or ("6028763") or  | IBM TDB  |                      |
|              |          | ("6060355") or ("6074926")).PN.) or                                       | 155-155  |                      |
|              |          | (((increase near5 capacitance) near5                                      |  |                      |
|              |          | surface) near5 (rough\$5 or etch\$3))                                     |  |                      |
| _            | 35       |   | USPAT;   | 2002/02/09 10:21     |
|              |          | ("5300801") or ("5466627") or ("5637523")                                 | US-PGPUB;  | 2002,02,03           |
|              |          | or ("5656536") or ("5827783") or  | EPO; JPO;  |                      |
|              |          | ("5843822") or ("5879987") or ("6025225")                                 | DERWENT;   |                      |
|              |          | or ("6027970") or ("6028763") or  | IBM TDB  |                      |
| ĺ            |          | ("6060355") or ("6074926")).PN.) or                                       | -  | 1                    |
|              |          | (((increase near5 capacitance) near5                                      |  |                      |
|              |          | surface) near5 (rough\$5 or etch\$3))) and                                |  |                      |
|              |          | ((increas\$3 near5 capacitance) near5                                     |  |                      |
|              |          | etch\$3)  |  |                      |
| _            | 6        | ((((("5061650") or ("5240871") or   | USPAT;   | 2002/02/09 10:41     |
|              |          | ("5300801") or ("5466627") or ("5637523")                                 | US-PGPUB;  |                      |
|              |          | or ("5656536") or ("5827783") or  | EPO; JPO;  | İ                    |
|              |          | ("5843822") or ("5879987") or ("6025225")                                 | DERWENT;   |                      |
|              |          | or ("6027970") or ("6028763") or  | IBM_TDB  |                      |
|              |          | ("6060355") or ("6074926")).PN.) or                                       | _  | }                    |
|              |          | (((increase near5 capacitance) near5                                      |  |                      |
|              | 1        | surface) near5 (rough\$5 or etch\$3))) and                                |  |                      |
|              | 1        | ((increas\$3 near5 capacitance) near5                                     |  |                      |
|              |          | etch\$3)) and bpsg  |  |                      |
| <b> </b> -   | 2        | 1 , , , , , , , , , , , , , , , , , , ,                                   | USPAT;   | 2002/02/09 10:42     |
|              |          | ("5300801") or ("5466627") or ("5637523")                                 | US-PGPUB;  |                      |
|              |          | or ("5656536") or ("5827783") or  | EPO; JPO;  |                      |
|              |          | ("5843822") or ("5879987") or ("6025225")                                 | DERWENT;   |                      |
|              |          | or ("6027970") or ("6028763") or  | IBM_TDB  |                      |
|              |          | ("6060355") or ("6074926")).PN.) or                                       |  |                      |
|              |          | (((increase near5 capacitance) near5                                      |  |                      |
|              |          | surface) near5 (rough\$5 or etch\$3))) and                                |  |                      |
|              |          | ((increas\$3 near5 capacitance) near5                                     |  |                      |
|              | 1.55     | etch\$3)) and bpsg) and germanium   |  |                      |
| _            | 166      | different adj etch\$3 adj2 rates and bpsg                                 | USPAT;   | 2002/02/09 10:42     |
|              |          |   | US-PGPUB;  |                      |
|              |          |   | EPO; JPO;  |                      |
|              |          |   | DERWENT;   |                      |
|              | 0        | /different odi stabes adis mater accus                                    | IBM_TDB  | 0000/00/00 10 43     |
| -            |          | , (   | USPAT;   | 2002/02/09 10:43     |
|              |          | bpsg) near5 capacitance   | US-PGPUB;  |                      |
|              |          |   | EPO; JPO;  |                      |
|              |          |   | DERWENT;   |                      |
|              | 11       | <br>  different adj etch\$3 adj2 rates near5 bpsg                         | IBM_TDB<br>USPAT;                                | 2002/02/09 11:09     |
|              | <u> </u> | different adjectnys adje rates nears bpsg                                 | USPAT;<br>US-PGPUB;                              | 2002/02/09 11:09     |
|              |          |   | EPO; JPO;  | 1                    |
| ]            |          |   | DERWENT;   |                      |
|              |          | ·   | IBM TDB  |                      |
| _            | 507      | etch\$3 adj rate same bpsq  | USPAT;   | 2002/02/09 11:09     |
|              | ]        | beauto and face same prog   | US-PGPUB;  | 2002/02/09 11:09     |
|              |          |   | EPO; JPO;  |                      |
|              |          |   | DERWENT;   |                      |
|              |          |   | IBM TDB  |                      |
| _            | 318      | etch\$3 adj rate with bpsg  | USPAT;   | 2002/02/09 11:09     |
|              |          | Little and Laco with opog   | US-PGPUB;  | 2002/02/03 11.03     |
|              |          |   | EPO; JPO;  |                      |
|              |          |   | DERWENT;   |                      |
|              |          |   | IBM TDB  |                      |
| _            | 1        | etch\$3 adj rate with (bpsg and (ge-bpsg or                               | USPAT;   | 2002/02/09 16:42     |
|              | _        | germanium))   | US-PGPUB;  | ====, ==, ==         |
|              |          |   | EPO; JPO;  | 1                    |
|              |          |   | DERWENT;   | 1                    |
|              |          |   | IBM TDB  |                      |
| L            |          |   | 1—,. <u> —                                  </u> | <del></del>          |

| <u> </u> |      |  |                           |                    |
|----------|------|--|---------------------------|--------------------|
| _        | 3    | 5827783.pn.  | USPAT;                    | 2002/02/09 17:35   |
|          |      |  | US-PGPUB;                 |                    |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;<br>IBM TDB       |                    |
| 1        | 68   | (bst same capacitor same dielectric) and                                 | USPAT;                    | 2002/02/09 17:36   |
| -        | 00   | memory adj device.ti,ab.   | US-PGPUB;                 | 2002/02/09 17.36   |
|          |      | memory adj device.cr, ab.  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  | į                  |
|          |      |  | IBM TDB                   |                    |
| _        | 25   | (bst near6 capacitor near6 dielectric) and                               | USPAT;                    | 2002/02/09 17:55   |
|          |      | memory adj device.ti,ab.   | US-PGPUB;                 |                    |
|          | -    |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          |      |  | IBM_TDB                   |                    |
| -        | 2    |  | USPAT;                    | 2002/02/09 22:09   |
|          |      | capacitor same dielectric) and memory adj                                | US-PGPUB;                 |                    |
|          |      | device.ti,ab.  | EPO; JPO;                 | 7                  |
|          |      |  | DERWENT;                  |                    |
|          | 2    | 5930106.pn.  | IBM_TDB<br>USPAT;         | 2002/02/09 18:01   |
|          |      | 5930100.pm.  | US-PGPUB;                 | 2002/02/09 18:01   |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          | 1    |  | IBM TDB                   |                    |
| _        | 4791 | ((257/68) or (257/71) or (257/277) or                                    | USPAT;                    | 2004/07/23 20:03   |
|          |      | (257/296) or (257/298) or (257/300) or                                   | US-PGPUB;                 |                    |
|          |      | (257/303) or (257/306) or (257/516) or                                   | EPO; JPO;                 |                    |
|          |      | (257/532) or (257/906)).CCLS.  | DERWENT;                  |                    |
|          |      |  | IBM_TDB                   |                    |
| -        | 3    | ((( ==:, == , == , == , == , == , == ,                                   | USPAT;                    | 2002/02/09 22:11   |
|          |      | or ("257/296") or ("257/298") or   | US-PGPUB;                 |                    |
|          |      | ("257/300") or ("257/303") or ("257/306")                                | EPO; JPO;                 |                    |
|          |      | or ("257/516") or ("257/532") or   | DERWENT;                  |                    |
|          |      | ("257/906")).CCLS.) and bpsg and germanium and capacitor and memory adj2 | IBM_TDB                   |                    |
|          |      | device.ti, ab.   |                           |                    |
| _        | 3    | 5827783.pn.  | USPAT;                    | 2002/02/09 22:12   |
|          |      | - C  | US-PGPUB;                 | 2002, 02, 03 22.12 |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          |      |  | IBM_TDB                   |                    |
| -        | 3    | 5804506.pn.  | USPAT;                    | 2002/02/09 22:13   |
|          |      |  | US-PGPUB;                 |                    |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
| _        | 3    | 5889696.pn.  | <pre>IBM_TDB USPAT;</pre> | 2002/02/00 22-12   |
|          | ا    | 000000.pii.  | USPAT;<br>US-PGPUB;       | 2002/02/09 22:13   |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          |      |  | IBM TDB                   |                    |
| -        | 2    | 5889696.pn.  | USPAT;                    | 2002/02/10 09:09   |
|          |      | -  | DERWENT                   |                    |
| -        | 2    | 5930106.pn.  | USPAT;                    | 2002/02/10 09:10   |
|          |      |  | DERWENT                   |                    |
| -        | 0    | (323/539).CCLS.  | USPAT;                    | 2002/05/08 16:56   |
|          |      |  | US-PGPUB;                 |                    |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
| _        | 1364 | (band adj gap or bandgap) adj reference                                  | <pre>IBM_TDB USPAT;</pre> | 2002/05/08 16:57   |
|          | 1304 | near5 voltage  | US-PGPUB;                 | 2002/03/00 10:3/   |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          | İ    |  | IBM TDB                   |                    |
| -        | 275  | (bandgap) adj reference near5 voltage and                                | USPĀT;                    | 2002/05/08 16:58   |
|          |      | bipolar adj transistor   | US-PGPUB;                 |                    |
|          |      |  | EPO; JPO;                 |                    |
|          |      |  | DERWENT;                  |                    |
|          |      |  | IBM TDB                   |                    |
|          |      |  |                           |                    |

| <del></del> | 1 - 1 - 1 | L (207 (520) COTO   | 1::052                 | T 0000/05/00 16 50 |
|-------------|-----------|---|------------------------|--------------------|
| -           | 155       | (327/539).CCLS.   | USPAT;<br>US-PGPUB;    | 2002/05/08 16:58   |
|             | 1         |   | EPO; JPO;              |                    |
|             |           |   | DERWENT;               |                    |
| _           | 2         | ("5804506").PN.   | IBM_TDB<br>USPAT;      | 2002/12/05 11:50   |
|             |           | ( 0001000 , 1211.   | US-PGPUB;              | 2002/12/03 11:00   |
|             | 1         |   | EPO; JPO;              |                    |
|             |           |   | DERWENT;<br>IBM TDB    |                    |
| _           | 2         | ("5972769").PN.   | USPAT;                 | 2002/12/05 10:56   |
|             | ĺ         |   | US-PGPUB;              |                    |
|             |           |   | EPO; JPO; DERWENT;     |                    |
|             |           |   | IBM TDB                |                    |
| -           | 2         | ("6376303").PN.   | USPĀT;                 | 2002/12/05 10:57   |
| ,           |           |   | US-PGPUB;<br>EPO; JPO; |                    |
|             |           |   | DERWENT;               |                    |
|             | _         |   | IBM_TDB                |                    |
| -           | 2         | ("5827783").PN.   | USPAT;                 | 2002/12/05 13:11   |
|             |           |   | US-PGPUB;<br>EPO; JPO; |                    |
|             |           |   | DERWENT;               |                    |
|             | 5502      | //257/60\ 05 /257/71\ 05 /257/277\ 05   | IBM_TDB                | 2004/07/22 10:11   |
|             | 3302      | ((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or  | USPAT;<br>US-PGPUB;    | 2004/07/23 18:11   |
|             |           | (257/303) or (257/306) or (257/516) or  | EPO; JPO;              |                    |
|             |           | (257/532) or (257/906)).CCLS.   | DERWENT;               |                    |
| _           | 13        | (((257/68) or (257/71) or (257/277) or  | IBM_TDB<br>USPAT;      | 2002/12/05 13:13   |
|             | -         | (257/296) or (257/298) or (257/300) or  | US-PGPUB;              |                    |
|             |           | (257/303) or (257/306) or (257/516) or  | EPO; JPO;              |                    |
|             |           | (257/532) or (257/906)).CCLS.) and corrugat\$3 near15 (capacitor or           | DERWENT;<br>IBM TDB    |                    |
|             |           | capacitance) and memory.ti,ab.  | _                      |                    |
| -           | 3         | , (   | USPAT;                 | 2003/05/27 13:16   |
|             |           | side adj wall)) and stacked adj capacitor and germanium and (BPSG             | US-PGPUB;<br>EPO; JPO; |                    |
|             |           | boro-phosphosilicate adj glass)   | DERWENT;               |                    |
| _           | 381       | (boro-phosphosilicate adj glass BPSG boro                                     | IBM_TDB<br>USPAT;      | 2003/05/27 13:17   |
|             | 301       | adj phospho-silicate adj glass) and   | US-PGPUB;              | 2003/03/27 13:17   |
|             |           | germanium and capacitor   | EPO; JPO;              |                    |
|             |           |   | DERWENT;<br>IBM TDB    |                    |
| -           | 3         | (boro-phosphosilicate adj glass BPSG boro                                     | USPAT;                 | 2003/05/27 13:18   |
|             | '         | adj phospho-silicate adj glass) and   | US-PGPUB;              |                    |
|             |           | <pre>germanium and capacitor and (corrugated corrugation)</pre>               | EPO; JPO; DERWENT;     |                    |
|             |           |   | IBM_TDB                |                    |
| -           | 109       | (boro-phosphosilicate adj glass BPSG boro                                     | USPĀT;                 | 2003/05/27 13:19   |
|             |           | adj phospho-silicate adj glass) and germanium and stacked adj capacitor       | US-PGPUB;<br>EPO; JPO; |                    |
|             |           | Japan Landa Landa Gay GapaGaGa  | DERWENT;               |                    |
| _           | 22        | (boro-phosphosilicato adi alasa paga barra                                    | IBM_TDB                | 2002/05/07 12 00   |
|             | 22        | (boro-phosphosilicate adj glass BPSG boro adj phospho-silicate adj glass) and | USPAT;<br>US-PGPUB;    | 2003/05/27 13:22   |
|             |           | germanium and stacked adj   | EPO; JPO;              |                    |
|             |           | capacitor.ti,ab,clm.  | DERWENT;               |                    |
| -           | 0         | ("6651946").PN.   | IBM_TDB<br>  USPAT;    | 2003/05/27 13:22   |
|             |           |   | US-PGPUB;              |                    |
|             |           |   | EPO; JPO; DERWENT;     |                    |
|             |           |   | IBM TDB                |                    |
| -           | 2         | ("6346455").PN.   | USPAT;                 | 2003/05/27 13:23   |
|             |           |   | US-PGPUB;<br>EPO; JPO; |                    |
|             |           |   | DERWENT;               |                    |
|             | _         | W.C.O.T. 1.0.0.C.N  | IBM_TDB                |                    |
|             | 1         | "6074926".PN.   | USPAT                  | 2003/05/27 13:23   |

|    |              | Lucocooffii DV   | T T C D T M                   | 1 2022 /05 /27 12:24                 |
|----|--------------|--|-------------------------------|--------------------------------------|
| ]- | 30           | "6060355".PN.<br>(US-5874756-\$ or US-6008515-\$ or<br>US-4716548-\$ or US-5545585-\$ or | USPAT;<br>USPAT;<br>US-PGPUB; | 2003/05/27 13:24<br>2003/05/27 13:29 |
|    |              | US-6124607-\$ or US-6190992-\$ or  | EPO;                          |                                      |
|    |              | US-6303430-\$ or US-5889696-\$ or  | DERWENT                       |                                      |
|    |              | US-5930106-\$ or US-6376303-\$ or  |                               |                                      |
|    |              | US-5804506-\$ or US-6159792-\$ or  |                               |                                      |
|    |              | US-5656536-\$ or US-5648175-\$ or  |                               |                                      |
|    |              | US-6087694-\$ or US-6150208-\$ or  |                               |                                      |
|    | ļ            | US-4894696-\$ or US-5250458-\$ or  |                               |                                      |
|    | }            | US-5438011-\$ or US-4855953-\$ or  |                               |                                      |
|    |              | US-4845539-\$ or US-5471087-\$ or  |                               |                                      |
|    |              | US-5835337-\$ or US-5972769-\$).did. or  |                               |                                      |
|    |              | (US-4786954-\$).did. or  |                               |                                      |
|    |              | (US-20010006449-\$).did. or  |                               |                                      |
| _  | 1            | (EP-507683-\$).did. or (US-5889696-\$).did.<br>((US-5874756-\$ or US-6008515-\$ or       | USPAT;                        | 2003/05/27 13:39                     |
|    | _            | US-4716548-\$ or US-5545585-\$ or  | US-PGPUB;                     | 2003/03/27 13.33                     |
|    |              | US-6124607-\$ or US-6190992-\$ or  | EPO; JPO;                     |                                      |
|    |              | US-6303430-\$ or US-5889696-\$ or  | DERWENT;                      |                                      |
| ]  |              | US-5930106-\$ or US-6376303-\$ or  | IBM_TDB                       |                                      |
|    |              | US-5804506-\$ or US-6159792-\$ or US-5656536-\$ or US-5648175-\$ or                      |                               |                                      |
|    |              | US-5656536-\$ OF US-5646175-\$ OF US-6087694-\$ OF US-6150208-\$ OF                      |                               |                                      |
|    |              | US-4894696-\$ or US-5250458-\$ or  | }                             |                                      |
|    |              | US-5519238-\$ or US-5213992-\$ or  | }                             |                                      |
|    |              | US-5438011-\$ or US-4855953-\$ or  |                               |                                      |
|    |              | US-4845539-\$ or US-5471087-\$ or  |                               |                                      |
|    |              | US-5835337-\$ or US-5972769-\$).did. or (US-4786954-\$).did. or                          |                               |                                      |
|    |              | (US-20010006449-\$).did. or  |                               |                                      |
|    |              | (EP-507683-\$).did. or (US-5889696-\$).did.)   |                               |                                      |
|    |              | and haller.in.   |                               |                                      |
| -  | 2            | ("6346455").PN.  | USPAT;                        | 2003/05/27 14:15                     |
|    |              |  | US-PGPUB;<br>EPO; JPO;        |                                      |
|    |              |  | DERWENT;                      |                                      |
| ]  |              | ·  | IBM_TDB                       |                                      |
| -  | 4            | BPSG near2 layer and Ge-BPSG near2 layer   | USPAT;                        | 2003/05/27 14:20                     |
|    |              | and semiconductor.ti,ab,clm. and   | US-PGPUB;                     |                                      |
|    |              | memory.ti,ab,clm.  | EPO; JPO; DERWENT;            |                                      |
|    |              |  | IBM TDB                       |                                      |
| -  | 4            |  | USPAT;                        | 2003/05/27 14:21                     |
|    |              | and semiconductor.ti,ab,clm.   | US-PGPUB;                     |                                      |
|    |              |  | EPO; JPO;                     |                                      |
|    |              |  | DERWENT;<br>IBM TDB           |                                      |
| _  | 1            | (boro-phospho-silicate   | USPAT;                        | 2003/05/27 14:48                     |
|    |              | boro-phosphosilicate boro adj  | US-PGPUB;                     |                                      |
|    |              | phosphosilicate BPSG) near2 layer and  | EPO; JPO;                     |                                      |
|    |              | (germanium-doped near4   | DERWENT;                      |                                      |
|    |              | (boro-phospho-silicate BPSG Ge-BPSG) near4 layer)  | IBM_TDB                       |                                      |
| _  | 664          | (PSG phosphorus near2 doped adj glass) and   | USPAT;                        | 2003/05/27 14:50                     |
| [  |              | germanium and (BPSG boron PBSG)  | US-PGPUB;                     |                                      |
|    |              |  | EPO; JPO;                     |                                      |
|    |              |  | DERWENT;                      |                                      |
|    | 280          | (PSG phosphorus near2 doped adj glass) and   | IBM_TDB<br>USPAT;             | 2003/05/27 14:56                     |
|    | 200          | germanium and (BPSG boron PBSG) and  | USPAT;<br>US-PGPUB;           | 2003/03/2/ 14:56                     |
|    |              | capacitor  | EPO; JPO;                     |                                      |
|    |              |  | DERWENT;                      |                                      |
|    | 444          | (DCC wheenhouse many) dans a sale of   | IBM_TDB                       | 0000/05/05 45 55                     |
| -  | 114          | (PSG phosphorus near2 doped adj glass) and germanium and (BPSG boron PBSG) and           | USPAT;<br>US-PGPUB;           | 2003/05/27 15:02                     |
|    |              | capacitor.ti,ab,clm.   | EPO; JPO;                     |                                      |
|    |              | <u> </u>   | DERWENT;                      |                                      |
|    |              |  | IBM TDB                       |                                      |
|    | <del> </del> |  |                               | ·                                    |

| -            | 16   |  | USPAT;              | 2003/05/27 15                          | :09  |
|--------------|------|--|---------------------|--|------|
|              |      | boro\$1phoshosilicate) and                 | US-PGPUB;           |  |      |
|              |      | capacitor.ti,ab,clm.                       | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      |  | IBM_TDB             |  |      |
| _            | 14   | (("5061650") or ("5240871") or ("5300801") | USPAT               | 2003/05/27 15                          | :21  |
|              |      | or ("5466627") or ("5637523") or           |                     |  |      |
|              |      | ("5656536") or ("5827783") or ("5843822")  |                     |  |      |
|              |      | or ("5879987") or ("6025225") or           |                     | <u> </u>                               |      |
|              |      | ("6027970") or ("6028763") or ("6060355")  |                     |  |      |
|              |      | or ("6074926")).PN.                        |                     |  |      |
| _            | 0    | ("etch near2 selectivity and (corrugation  | USPAT;              | 2003/05/27 15                          | :23  |
|              |      | corrugated) and capacitor").PN.            | US-PGPUB;           |  |      |
|              |      | corrugation, and ouplants , the correspond | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      |  | IBM TDB             |  |      |
| _            | 10   | etch near2 selectivity and (corrugation    | USPAT;              | 2003/05/27 15                          | : 12 |
|              | 1    | corrugated) and capacitor                  | US-PGPUB;           | 2003/03/27 13                          | ,.40 |
|              |      | corrugated, and capacitor                  | EPO; JPO;           |  |      |
|              |      |  |                     |  |      |
|              |      |  | DERWENT;<br>IBM TDB |  |      |
|              | 01   | /otah noong salaatinitus sad /saussatis    | _                   | 2002/05/27 15                          |      |
| -            | 21   | , ' , ' , ' , ' , ' , ' , ' , ' , ' , '    | USPAT;              | 2003/05/27 15                          | 1:48 |
|              |      | corrugated) and capacitor) and ("1:4"      | US-PGPUB;           |  |      |
|              |      | "4:1")                                     | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      | 485000000000000000000000000000000000000    | IBM_TDB             |  |      |
| <del> </del> | 2    | ("5827783").PN.                            | USPAT;              | 2003/09/27 20                          | 1:00 |
|              |      |  | US-PGPUB;           |  |      |
|              |      | ·  | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      |  | IBM_TDB             |  |      |
| -            | · 6  | "5827783 <b>"</b>                          | USPAT               | 2003/11/13 14                          | :59  |
| <b>–</b>     | 1    | ("5827783").PN.                            | USPAT               | 2003/11/13 15                          | :00  |
| _            | 1    | ("5804506").PN.                            | USPAT               | 2003/11/13 15                          | :00  |
| -            | 2    | ("5827783").PN.                            | USPAT;              | 2003/11/16 19                          | :41  |
| ļ            |      |  | US-PGPUB;           |  |      |
|              |      |  | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      |  | IBM TDB             |  |      |
| _            | 2    | ("5804506").PN.                            | USPAT;              | 2003/11/16 19                          | :41  |
|              |      |  | US-PGPUB;           |  |      |
|              |      |  | EPO; JPO;           |  |      |
|              |      |  | DERWENT;            |  |      |
|              |      |  | IBM TDB             |  |      |
| _            | 6351 | ((257/68) or (257/71) or (257/277) or      | USPAT;              | 2003/11/16 20                          | :23  |
|              |      | (257/296) or (257/298) or (257/300) or     | US-PGPUB;           |  |      |
|              | ]    | (257/303) or (257/306) or (257/516) or     | EPO; JPO;           |  |      |
|              | ]    | (257/532) or (257/906)).CCLS.              | DERWENT;            |  |      |
| <b> </b>     |      | • • •                                      | IBM TDB             |  |      |
| -            | 20   | (((257/68) or (257/71) or (257/277) or     | USPAT;              | 2003/11/16 20                          | :49  |
|              |      | (257/296) or (257/298) or (257/300) or     | US-PGPUB;           | -, -, -, -, -, -, -, -, -, -, -, -, -, | -    |
|              |      | (257/303) or (257/306) or (257/516) or     | EPO; JPO;           |  |      |
|              |      | (257/532) or (257/906)).CCLS.) and         | DERWENT;            |  |      |
|              |      | (corrugated corrugation) near12 capacitor  | IBM TDB             |  |      |
|              |      | and (capacitor adj cell dram adj cell      |                     |  |      |
|              |      | memory adj cell semiconductor near2        |                     |  |      |
|              | ]    | (device element)).ti,ab,clm.               |                     |  |      |
|              | 5    |  | USPAT;              | 2003/11/16 20                          | . 57 |
|              | J    | phospho-silicate BSG BFSG BSG:F boro adj   | US-PGPUB;           | 2003/11/10 20                          | /    |
|              | [    | phospho adj silicate boro adj phospho adj  | EPO; JPO;           |  |      |
|              |      | silicate) and (corrugated corrugation)     | DERWENT;            |  |      |
|              |      | near12 capacitor and (capacitor adj cell   | IBM TDB             |  |      |
|              |      | dram adj cell memory adj cell              | 1 1017 100          |  | :    |
|              |      | semiconductor near2 (device                |                     |  |      |
|              |      | element)).ti,ab,clm.                       |                     |  |      |
|              | 1    | CICHCIIC) / · CI / GD / CEM ·              | l                   | •                                      |      |

| - | 5    | (boro-phospho-silicate boro adj   | USPAT;                 | 2003/11/16 20:58 |
|---|------|---|------------------------|------------------|
|   |      | phospho-silicate BSG BFSG BSG:F boro adj  | US-PGPUB;              |                  |
|   |      | phospho adj silicate boro adj phospho adj silicate) and (corrugated-trench adj      | EPO; JPO; DERWENT;     |                  |
|   |      | capacitor ccc adj structure (corrugated   | IBM TDB                |                  |
|   |      | corrugation) near12 capacitor) and  | 15.1.                  |                  |
|   |      | (capacitor adj cell dram adj cell memory  |                        |                  |
|   |      | adj cell semiconductor near2 (device  |                        |                  |
|   |      | element)).ti,ab,clm.  |                        |                  |
| - | 7    | corrugated adj capacitor and wall and   | USPAT;                 | 2003/11/17 08:28 |
|   |      | (bpsg boro adj phospho adj silicate)  | US-PGPUB;<br>EPO; JPO; |                  |
|   |      |   | DERWENT                |                  |
| _ | 10   | (corrugated-trench adj capacitor ccc adj  | USPAT;                 | 2003/11/17 08:33 |
|   |      | structure (corrugated corrugation) near12   | US-PGPUB;              |                  |
|   | ,    | capacitor) and wall and (bpsg boro adj  | EPO; JPO;              | i                |
|   |      | phospho adj silicate)   | DERWENT                |                  |
| - | 4    |   | USPAT;                 | 2003/11/17 08:41 |
|   |      | structure (corrugated corrugation) near12 capacitor) and wall near12 (bpsg boro adj | US-PGPUB;<br>EPO; JPO; |                  |
|   |      | phospho adj silicate)   | DERWENT                |                  |
| - | 8    |   | USPAT;                 | 2003/11/17 08:56 |
|   |      | near12 wall near12 capacitor  | US-PGPUB;              |                  |
| † | 1    |   | EPO; JPO;              |                  |
|   |      | (DDCC home add abaseh all later)  | DERWENT                | 2002/11/17 02 57 |
| - | 8    | (BPSG boro adj phospho adj silicate) near12 wall near12 capacitor and               | USPAT;<br>US-PGPUB;    | 2003/11/17 08:57 |
|   |      | (insulating dielectric)   | EPO; JPO;              |                  |
|   |      | 1   | DERWENT                |                  |
| - | 6351 | ((257/68) or (257/71) or (257/277) or   | USPAT;                 | 2003/11/17 10:12 |
|   |      | (257/296) or (257/298) or (257/300) or  | US-PGPUB;              |                  |
|   |      | (257/303) or (257/306) or (257/516) or  | EPO; JPO;              |                  |
|   |      | (257/532) or (257/906)).CCLS.   | DERWENT;               |                  |
| _ | 3    | (((257/68) or (257/71) or (257/277) or  | IBM_TDB<br>USPAT;      | 2003/11/17 10:12 |
|   |      | ((257/296) or (257/298) or (257/300) or   | US-PGPUB;              | 2003/11/1/ 10.12 |
|   |      | (257/303) or (257/306) or (257/516) or  | EPO; JPO;              |                  |
|   |      | (257/532) or (257/906)).CCLS.) and  | DERWENT;               |                  |
|   |      | corrugated near6 capacitor and (boro adj  | IBM_TDB                |                  |
| _ | 2    | phospho adj silicate BPSG) ("5827783").PN.  | USPAT;                 | 2004/05/03 13:57 |
| ] |      | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | USPAT;<br>US-PGPUB;    | 2004/03/03 13:5/ |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;               |                  |
|   | _    |   | IBM_TDB                |                  |
| - | 2    | ("6097053").PN.   | USPAT;                 | 2004/05/03 13:58 |
|   |      |   | US-PGPUB;<br>EPO; JPO; |                  |
| ĺ |      |   | DERWENT;               |                  |
|   |      |   | IBM TDB                |                  |
| - | 2    | ("5804506").PN.   | USPĀT;                 | 2004/05/04 15:24 |
|   |      |   | US-PGPUB;              |                  |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;<br>IBM TDB    |                  |
| _ | 7    | (("5519238") or ("5623243") or  | USPAT;                 | 2004/05/03 14:31 |
|   | ,    | ("5830793")).PN.  | US-PGPUB;              |                  |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;               |                  |
|   | F    | (hpag page) (ga-mandam ) )  | IBM_TDB                | 0004/05/04 40 00 |
| - | 5    | (bpsg near3 (germanium ge) ge-bpsg) and capacitor and (corrugate corrugated         | USPAT;<br>US-PGPUB;    | 2004/05/04 10:00 |
|   |      | corrugating corrugation corrugates)   | EPO; JPO;              |                  |
|   |      |   | DERWENT;               |                  |
|   |      |   | IBM_TDB                |                  |
| - | 5    | (   | USPĀT;                 | 2004/05/04 10:02 |
|   |      | capacitor and (corrugate corrugated   | US-PGPUB;              |                  |
|   |      | corrugating corrugation corrugates ripple rippled ripples rippling)                 | EPO; JPO; DERWENT;     | ·                |
|   |      | ribbiog libbies libbillid)  | IBM TDB                |                  |
|   |      |   | 1 1 2 1 1 2 2          |                  |

| <b> </b> - | 25   |   | USPAT;                 | 2004/05/04 10:02 |
|------------|------|---|------------------------|------------------|
|            |      | capacitor   | US-PGPUB;<br>EPO; JPO; |                  |
|            |      |   | DERWENT;               |                  |
|            | 1    |   | IBM TDB                |                  |
| _          | 20   | ((bpsg near3 (germanium ge) ge-bpsg) and  | USPAT;                 | 2004/05/04 10:35 |
|            |      | capacitor) not ((bpsg near3 (germanium ge)  | US-PGPUB;              |                  |
|            |      | ge-bpsg) and capacitor and (corrugate   | EPO; JPO;              |                  |
| 1          |      | corrugated corrugating corrugation  | DERWENT;               |                  |
| }          |      | corrugates ripple rippled ripples   | IBM_TDB                |                  |
|            | 21   | rippling)) (/bpgg poor3 /gormanium go) go-bpgg gopsg)                                 | USPAT;                 | 2004/05/04 10:36 |
| -          | 21   | ((bpsg near3 (germanium ge) ge-bpsg gepsg) and capacitor) not ((bpsg near3 (germanium | US-PGPUB;              | 2004/03/04 10.30 |
|            |      | ge) ge-bpsg) and capacitor and (corrugate   | EPO; JPO;              |                  |
|            |      | corrugated corrugating corrugation  | DERWENT;               |                  |
|            |      | corrugates ripple rippled ripples   | IBM_TDB                |                  |
|            |      | rippling))  | 110D2M                 | 2004/05/04 10-26 |
| -          | 6    | ((bpsg near3 (germanium ge) ge-bpsg gepsg) and capacitor) not (((bpsg near3           | USPAT;<br>US-PGPUB;    | 2004/05/04 10:36 |
|            |      | (germanium ge) ge-bpsg) and capacitor) not  | EPO; JPO;              |                  |
|            |      | ((bpsg near3 (germanium ge) ge-bpsg) and  | DERWENT;               |                  |
|            |      | capacitor and (corrugate corrugated   | IBM_TDB                |                  |
|            |      | corrugating corrugation corrugates ripple   | _                      |                  |
|            | 404  | rippled ripples rippling))) 257/68  | I I I C D A M          | 2004/05/04 35 04 |
| -          | 424  | 257/68  | USPAT;<br>US-PGPUB;    | 2004/05/04 15:24 |
|            |      |   | EPO; JPO;              |                  |
|            | [    |   | DERWENT;               |                  |
|            |      |   | IBM_TDB                |                  |
| -          | 398  | 257/71  | USPAT;                 | 2004/05/04 15:25 |
|            |      |   | US-PGPUB;              |                  |
|            |      |   | EPO; JPO; DERWENT;     |                  |
|            |      |   | IBM TDB                |                  |
| _          | 270  | 257/277   | USPAT;                 | 2004/05/04 15:25 |
|            |      |   | US-PGPUB;              |                  |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
| _          | 4446 | 257/296   | IBM_TDB<br>USPAT;      | 2004/05/04 15:25 |
|            | 1110 | 2377230   | US-PGPUB;              | 2004/05/04 15.25 |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
|            | 077  | 257/200   | IBM_TDB                | 0004/05/04 45 05 |
| -          | 877  | 257/298   | USPAT;<br>US-PGPUB;    | 2004/05/04 15:25 |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
|            |      |   | IBM_TDB                |                  |
| -          | 1002 | 257/300   | USPĀT;                 | 2004/05/04 15:25 |
|            |      |   | US-PGPUB;              |                  |
|            |      |   | EPO; JPO; DERWENT;     |                  |
|            |      |   | IBM TDB                |                  |
| -          | 1278 | 257/303   | USPAT;                 | 2004/05/04 15:25 |
| 1          |      |   | US-PGPUB;              |                  |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
| _          | 3123 | 257/306   | IBM_TDB<br>USPAT;      | 2004/05/04 15:25 |
|            |      | _ 10.,000   | US-PGPUB;              | 2004/03/04 13.23 |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
|            | 222  | 257/516   | IBM_TDB                | 0004/05/04 45 55 |
| -          | 280  | 257/516   | USPAT;<br>US-PGPUB;    | 2004/05/04 15:25 |
|            |      |   | EPO; JPO;              |                  |
|            |      |   | DERWENT;               |                  |
|            |      |   | IBM TDB                |                  |
|            |      |   |                        | <del></del>      |

| -  | 2215   | 257/532                                      | USPAT;    | 2004/05/04  | 15:25 |
|----|--------|--|-----------|-------------|-------|
|    |        |  | US-PGPUB; |             |       |
|    |        |  | EPO; JPO; |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
| _  | 227    | 257/906                                      | USPAT;    | 2004/05/04  | 15.26 |
|    | 221    | 2377 900                                     | 1         | 2004/03/04  | 13.20 |
|    |        |  | US-PGPUB; |             |       |
|    |        |  | EPO; JPO; |             |       |
|    | ·      |  | DERWENT;  |             |       |
|    |        |  | IBM_TDB   |             |       |
| -  | 9952   | 257/68 257/71 257/277 257/296 257/298        | USPAT;    | 2004/05/04  | 15:26 |
|    |        | 257/300 257/303 257/306 257/516 257/532      | US-PGPUB; |             |       |
|    |        | 257/906                                      | EPO; JPO; |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
| 1_ | 240    | (257/68 257/71 257/277 257/296 257/298       | USPAT;    | 2004/05/04  | 15.27 |
| -  | 240    |  | · ·       | 2004/03/04  | 15:27 |
|    |        | 257/300 257/303 257/306 257/516 257/532      | US-PGPUB; |             |       |
|    | 1      | 257/906) and (corrugat\$3 etch\$3 near2 rate | EPO; JPO; |             |       |
|    | 1      | rippl\$3) and bpsg and capacitor.ti,ab,clm.  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
| _  | 2      | ("4631803").PN.                              | USPĀT;    | 2004/05/04  | 16:02 |
|    |        |  | US-PGPUB; |             |       |
|    |        |  | EPO; JPO; |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
|    | 2      | (450077004) DV                               | _         | 0004/07/00  | 16 22 |
| -  | 2      | ("5827783").PN.                              | USPAT;    | 2004/07/23  | 16:33 |
|    |        |  | US-PGPUB; |             |       |
|    | 1      |  | EPO; JPO; |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
| -  | 2      | ("6097053").PN.                              | USPAT;    | 2004/07/23  | 16:34 |
|    |        | ,      | US-PGPUB; | 2001, 0,,20 |       |
|    |        |  | EPO; JPO; |             |       |
|    |        |  |           |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        | (#F00 AF0 CH) - Too                          | IBM_TDB   |             |       |
| -  | 2      | ("5804506").PN.                              | USPAT;    | 2004/07/23  | 17:56 |
|    |        |  | US-PGPUB; |             |       |
|    |        |  | EPO; JPO; |             | ĺ     |
|    |        |  | DERWENT;  |             |       |
|    |        |  | IBM TDB   |             |       |
| _  | 10270  | 257/68                                       | USPAT;    | 2004/07/23  | 18.12 |
|    |        | 257/71                                       | US-PGPUB; | 2001,07,23  | 10.12 |
|    |        | 257/277                                      | EPO; JPO; |             |       |
|    |        | 257/296                                      |           |             |       |
|    |        |  | DERWENT;  |             |       |
|    |        | 257/298                                      | IBM_TDB   |             |       |
|    |        | 257/300                                      |           |             |       |
|    |        | 257/303                                      |           |             |       |
|    |        | 257/306                                      |           |             |       |
|    |        | 257/516                                      |           |             |       |
|    |        | 257/532                                      |           |             |       |
|    |        | 257/906                                      |           |             |       |
| _  | ا ہے ا | (257/68                                      | USPAT;    | 2004/07/23  | 18.17 |
|    |        | 257/71                                       |           | 2007/01/23  | 10.1/ |
|    |        |  | US-PGPUB; |             |       |
|    |        | 257/277                                      | EPO; JPO; |             |       |
|    |        | 257/296                                      | DERWENT;  |             |       |
|    |        | 257/298                                      | IBM_TDB   |             |       |
| 1  |        | 257/300                                      |           |             |       |
| 1  |        | 257/303                                      |           |             |       |
| 1  |        | 257/306                                      |           |             |       |
| 1  |        | 257/516                                      |           |             |       |
|    |        | 257/532                                      |           |             |       |
|    |        | 257/906) and memory and capacitor adj cell   |           |             |       |
|    |        |  |           |             |       |
|    |        | and (boro-phospho adj silicate BPS BPSG)     |           |             |       |
|    | ļ      | near4 (germanium Ge) and ((increase          |           |             |       |
|    |        | increasing increased increases) near4        |           | <u>'</u>    |       |
|    |        | capacitance (corrugate corrugation           |           |             |       |
|    |        | corrugated))                                 |           |             | j     |
|    |        |  |           |             |       |

|          | 4        | (257/68   | USPAT;                                | 2004/07/23 18:18   |
|----------|----------|---|---------------------------------------|--------------------|
|          |          | 257/71  | US-PGPUB;                             |                    |
|          |          | 257/277   | EPO; JPO;                             |                    |
|          |          | 257/296   | DERWENT;                              |                    |
|          |          | 257/298   | IBM TDB                               |                    |
|          |          |   | TEM_I DE                              |                    |
|          |          | 257/300   |                                       |                    |
|          |          | 257/303   |                                       |                    |
|          |          | 257/306   |                                       |                    |
|          |          | 257/516   |                                       |                    |
|          |          | 257/532   | İ                                     |                    |
|          |          | 257/906) and memory and capacitor adj cell  |                                       |                    |
|          |          | and (boro-phospho adj silicate BPS BPSG)  |                                       |                    |
|          |          |   |                                       |                    |
|          |          | near4 (germanium Ge) and ((increase   |                                       | ]                  |
|          |          | increasing increased increases) near4   |                                       |                    |
|          |          | capacitance (corrugate corrugation  |                                       |                    |
|          |          | corrugated rippled ripples rippling))   |                                       |                    |
| _        | 4        |   | USPAT;                                | 2004/07/23 18:33   |
|          |          | 257/71  | US-PGPUB;                             |                    |
|          |          | 257/277   | •                                     |                    |
|          |          | 1 · · ·   | EPO; JPO;                             |                    |
|          |          | 257/296   | DERWENT;                              |                    |
|          |          | 257/298   | IBM_TDB                               |                    |
| 1        |          | 257/300   |                                       |                    |
|          |          | 257/303   |                                       |                    |
|          |          | 257/306   |                                       |                    |
|          |          | 257/516   |                                       |                    |
|          |          | 257/532   | 1                                     |                    |
|          |          |   | ]                                     |                    |
|          |          | 257/906) and memory and capacitor adj cell  |                                       |                    |
|          |          | and (boro-phospho adj silicate BPS BPSG)  |                                       |                    |
|          |          | near4 (germanium Ge) and ((increase   |                                       |                    |
|          |          | increasing increased increases) near4   |                                       | 1                  |
|          |          | capacitance (corrugate corrugation  |                                       | ]                  |
|          |          | corrugated rippled ripples rippling   | ŀ                                     |                    |
|          |          | roughen roughened roughens roughening))   |                                       |                    |
| _        | 8        | memory.ti,ab,clm. and capacitor adj cell  | USPAT;                                | 2004/07/23 10.34   |
|          | "        |   | i i                                   | 2004/07/23 18:34   |
|          |          | and (boro-phospho adj silicate BPS BPSG)  | US-PGPUB;                             |                    |
|          |          | near4 (germanium Ge) and ((increase   | EPO; JPO;                             |                    |
|          |          | increasing increased increases) near4   | DERWENT;                              |                    |
|          |          | capacitance (corrugate corrugation  | IBM TDB                               |                    |
|          | 1        | corrugated rippled ripples rippling   | _                                     |                    |
|          |          | roughen roughened roughens roughening))   |                                       |                    |
| _        | 5        | 1   | USPAT;                                | 2004/07/23 18:46   |
|          |          | and (boro-phospho adj silicate BPS BPSG)  | US-PGPUB;                             | 2004/07/25 10.40   |
|          |          | · · · · · · · · · · · · · · · · · · ·   | · · · · · · · · · · · · · · · · · · · |                    |
|          |          | near4 (germanium Ge) and ((increase   | EPO; JPO;                             |                    |
|          |          | increasing increased increases) near4   | DERWENT;                              |                    |
|          |          | capacitance (corrugate corrugation  | IBM_TDB                               | !                  |
|          |          | corrugated rippled ripples rippling   | _                                     |                    |
|          |          | roughen roughened roughens roughening)))  |                                       |                    |
|          |          | not ((257/68  |                                       |                    |
|          |          | 257/71  |                                       |                    |
|          | 1        | 257/277   |                                       |                    |
|          |          |   |                                       |                    |
|          | 1        | 257/296   |                                       |                    |
|          |          | 257/298   |                                       | ]                  |
| 1        |          | 257/300   |                                       |                    |
|          |          | 257/303   |                                       |                    |
|          |          | 257/306   |                                       |                    |
|          |          | 257/516   |                                       |                    |
|          |          | 257/532   |                                       |                    |
|          |          |   |                                       |                    |
|          |          | 257/906) and memory and capacitor adj cell  |                                       |                    |
|          |          | and (boro-phospho adj silicate BPS BPSG)  |                                       |                    |
|          |          | near4 (germanium Ge) and ((increase   |                                       |                    |
| ]        |          | increasing increased increases) near4   |                                       |                    |
| 1        |          | capacitance (corrugate corrugation  |                                       |                    |
|          |          | corrugated rippled ripples rippling   |                                       |                    |
|          |          | roughen roughened roughens roughening)))  |                                       |                    |
| _        | 1        | "5061650".PN.   | USPAT                                 | 2004/07/23 18:36   |
| _        |          |   |                                       |                    |
| <u> </u> |          | "5240871".PN.   | USPAT                                 | 2004/07/23 18:37   |
| -        | 1 1      | "5300801".PN.   | USPAT                                 | 2004/07/23 18:37   |
|          | 1        | "5466627".PN.   | USPAT                                 | 2004/07/23 18:37   |
| -        | 1        | "5637523".PN.   | USPAT                                 | 2004/07/23 18:37   |
| -        | 1        | "5656536".PN.   | USPAT                                 | 2004/07/23 18:38   |
| _        | 1        | "5827783".PN.   | USPAT                                 | 2004/07/23 18:39   |
| _        | 1        | "5843822".PN.   | USPAT                                 | 2004/07/23 18:39   |
|          | <u> </u> | CONTRACTOR OF THE PROPERTY OF |                                       | 1 2001/0//20 10.09 |

| -   | 1    | "5879987".PN.                              | USPAT     | 2004/07/23 18:39 |
|-----|------|--|-----------|------------------|
| _   | 1    | "6025225".PN.                              | USPAT     | 2004/07/23 18:39 |
| -   | 1    | "6027970".PN.                              | USPAT.    | 2004/07/23 18:39 |
| _   | 1    | "6028763".PN.                              | USPAT     | 2004/07/23 18:40 |
| _   | 1    | "6060355".PN.                              | USPAT     | 2004/07/23 18:40 |
| _   | 1    | "6028763".PN.                              | USPAT     | 2004/07/23 18:40 |
| _   | ī    | "6060355".PN.                              | USPAT     | 2004/07/23 18:41 |
| 1_  | 1 1  | "6060355".PN.                              | USPAT     | 2004/07/23 18:41 |
|     |      | "6060355".PN.                              | USPAT     | 2004/07/23 18:42 |
|     |      |  |           |                  |
| -   | 1    | "6074926".PN.                              | USPAT     | 2004/07/23 18:42 |
| 1 - | 8    | memory.ti,ab,clm. and capacitor adj cell   | USPAT;    | 2004/07/23 18:46 |
|     |      | and ((boro-phospho adj silicate BPS BPSG)  | US-PGPUB; |                  |
|     |      | near4 (germanium Ge))                      | EPO; JPO; |                  |
|     |      |  | DERWENT;  |                  |
|     | :    |  | IBM_TDB   |                  |
| -   | 16   | (("5061650") or ("5240871") or ("5300801") | USPAT     | 2004/07/23 19:22 |
|     |      | or ("5466627") or ("5637523") or           |           |                  |
|     |      | ("5656536") or ("5827783") or ("5843822")  |           | ·                |
|     |      | or ("5879987") or ("6025225") or           |           |                  |
|     |      | ("6027970") or ("6028763") or ("6060355")  |           | ·                |
|     |      | or ("5804506") or ("5972769") or           |           |                  |
| 1   | 1    | ("6376303")).PN.                           |           |                  |
| -   | 16   | (US-5656536-\$ or US-6060355-\$ or         | USPAT     | 2004/07/23 19:27 |
|     |      | US-5827783-\$ or US-5843822-\$ or          | JULAI     | 2004/01/23 19.21 |
| 1   |      | US-5879987-\$ or US-6025225-\$ or          |           |                  |
|     |      | US-6027970-\$ or US-6028763-\$ or          |           |                  |
| 1   |      |  |           |                  |
|     |      | US-5061650-\$ or US-5240871-\$ or          |           |                  |
| Ì   |      | US-5300801-\$ or US-5466627-\$ or          |           |                  |
|     |      | US-5637523-\$ or US-5804506-\$ or          |           |                  |
|     | _    | US-5972769-\$ or US-6376303-\$).did.       |           |                  |
| -   | 9    | <b>, ,</b>                                 | USPAT     | 2004/07/23 19:30 |
|     |      | US-5827783-\$ or US-5843822-\$ or          |           |                  |
|     |      | US-5879987-\$ or US-6025225-\$ or          |           |                  |
|     |      | US-6027970-\$ or US-6028763-\$ or          |           |                  |
|     | 1    | US-5061650-\$ or US-5240871-\$ or          |           |                  |
|     |      | US-5300801-\$ or US-5466627-\$ or          |           |                  |
|     | 1    | US-5637523-\$ or US-5804506-\$ or          |           |                  |
|     |      | US-5972769-\$ or US-6376303-\$).did.) and  |           |                  |
|     |      | (bpsg ge\$bpsg)                            | 1         |                  |
| -   | 8    |  | USPAT     | 2004/07/23 19:46 |
|     |      | US-5827783-\$ or US-5843822-\$ or          |           |                  |
|     |      | US-5879987-\$ or US-6025225-\$ or          |           | ·                |
|     |      | US-6027970-\$ or US-6028763-\$ or          |           |                  |
| 1   |      | US-5061650-\$ or US-5240871-\$ or          |           |                  |
| 1   |      | US-5300801-\$ or US-5466627-\$ or          |           | 1                |
|     |      | US-5637523-\$ or US-5804506-\$ or          |           |                  |
| ,   |      | US-5972769-\$ or US-6376303-\$).did.) and  | 1         |                  |
|     |      | (bpsg ge\$bpsg) and capacitor              |           |                  |
| _   | 7    | (("5519238") or ("5623243") or             | USPAT;    | 2004/07/23 19:46 |
|     | '    | ("5830793")).PN.                           | US-PGPUB; | 2004/07/23 19:46 |
|     |      | \ JUJU195     . EN.                        |           |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT;  |                  |
|     | 0001 |  | IBM_TDB   |                  |
| -   | 2891 | thakur.in. haller.in.                      | USPAT;    | 2004/07/23 19:56 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT;  |                  |
|     |      |  | IBM_TDB   |                  |
| -   | 9    | thakur.in. and haller.in.                  | USPĀT;    | 2004/07/23 19:58 |
| 1   |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT;  |                  |
|     |      |  | IBM TDB   |                  |
| -   | 0    | "micron technologies" and (boro-phospho    | USPĀT;    | 2004/07/23 19:59 |
|     |      | adj silicate BPSG).clm. and capacitor.clm. | US-PGPUB; |                  |
|     |      | and memory.clm. and (germanium Ge-BPSG)    | EPO; JPO; |                  |
|     |      |  | DERWENT;  | i                |
| 1   |      |  | IBM TDB   |                  |
|     | I    |  | 1211 100  | L                |

| _          | 9    | (haller.in. thakur.in. "micron  | USPAT;                    | 2004/07/23 | 20:00 |
|------------|------|---|---------------------------|------------|-------|
|            |      | technologies" micron.as.) and   | US-PGPUB;                 |            |       |
|            |      | (boro-phospho adj silicate BPSG).clm. and   | EPO; JPO; DERWENT;        |            |       |
|            |      | capacitor.clm. and memory.clm. and (germanium Ge-BPSG)                                | IBM TDB                   |            |       |
| _          | 2424 | ((257/701) or (257/700)).CCLS.  | USPAT;                    | 2004/07/23 | 20:06 |
|            | 2121 | ((2377701) 01 (2377700)).0055.  | US-PGPUB;                 | 2004/01/25 | 20.00 |
|            |      |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
|            |      |   | IBM TDB                   |            |       |
| _          | 1    | (((257/701) or (257/700)).CCLS.) and (bpsg  | USPAT;                    | 2004/07/23 | 20:07 |
|            |      | boro-phospho adj silictae adj glass) near3  | US-PGPUB;                 |            |       |
|            |      | (germanium ge) and memory and capacitor   | EPO; JPO;                 |            |       |
| 1          |      | and (etch etching)  | DERWENT;                  |            |       |
|            | 1    | ///257/701\ om /257/700\\ CCIC \ ond /bncc  | IBM_TDB<br>USPAT;         | 2004/07/23 | 20.00 |
| -          | 1    | (((257/701) or (257/700)).CCLS.) and (bpsg boro-phospho adj silictae adj glass) near3 | US-PGPUB;                 | 2004/07/23 | 20:08 |
|            |      | (germanium ge) and memory and capacitor   | EPO; JPO;                 |            |       |
| •          |      | and (etch etching) near4 (corrugated  | DERWENT;                  |            |       |
|            |      | corrugation corrugate roughen roughening  | IBM TDB                   |            |       |
|            |      | rippled ripple rippling ripples)  |                           |            |       |
| -          | 1    | (((257/701) or (257/700)).CCLS.) and (bpsg  | USPAT;                    | 2004/07/23 | 20:19 |
|            |      | boro-phospho adj silictae adj glass) near3  | US-PGPUB;                 | ]          |       |
|            |      | (germanium ge) and capacitor and (etch  | EPO; JPO;                 |            |       |
|            |      | etching) near4 (corrugated corrugation  | DERWENT;                  |            |       |
|            |      | corrugate roughen roughening rippled  | IBM_TDB                   |            |       |
| _          | 625  | ripple rippling ripples) (257/309).CCLS.  | USPAT;                    | 2004/07/23 | 20.10 |
| -          | 623  | (257/309).CCL5.   | US-PGPUB;                 | 2004/07/23 | 20:19 |
| İ          |      |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
|            |      |   | IBM TDB                   |            |       |
| _          | 0    | ((257/309).CCLS.) and (corrugat\$5  | USPAT;                    | 2004/07/23 | 20:20 |
|            |      | roughen\$3) near4 (etch\$3 and rate) and  | US-PGPUB;                 |            |       |
|            |      | (bpsg boro adj phospho adj silicate) and  | EPO; JPO;                 |            |       |
|            |      | (germanium ge)  | DERWENT;                  | :          |       |
|            |      |   | IBM_TDB                   |            |       |
| -          | 2    | ,,,,_,,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   | USPAT;                    | 2004/07/23 | 20:45 |
|            |      | roughen\$3) near4 (etch\$3 and rate)  | US-PGPUB;                 |            |       |
| •          |      |   | EPO; JPO; DERWENT;        |            |       |
|            |      |   | IBM TDB                   |            |       |
| _          | 257  | (257/534).CCLS.   | USPAT;                    | 2004/07/23 | 20:47 |
|            |      | ,,,   | US-PGPUB;                 |            |       |
|            |      |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
|            |      |   | IBM_TDB                   |            |       |
| -          | 39   | ((257/534).CCLS.) and (bpsg boro adj  | USPAT;                    | 2004/07/23 | 20:49 |
|            |      | phospho adj silicate adj glass)   | US-PGPUB;                 |            |       |
|            |      |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;<br>IBM TDB       |            |       |
| <b>_</b> . | 0    | ((257/534).CCLS.) and (bpsg boro adj  | USPAT;                    | 2004/07/23 | 20.40 |
|            |      | phospho adj silicate adj glass) near10  | US-PGPUB;                 | 2003/01/23 | 20.33 |
|            |      | (germanium ge)  | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
|            |      |   | IBM_TDB                   |            |       |
| -          | 2    | 921423.ap.  | USPĀT;                    | 2004/07/25 | 19:01 |
|            | ĺ    |   | US-PGPUB;                 |            |       |
|            |      |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
| <u> </u>   | 3    | 838743.ap.  | <pre>IBM_TDB USPAT;</pre> | 2004/07/25 | 10.16 |
|            | ا ع  | 000,40.ab.  | USPAT;<br>US-PGPUB;       | 2004/01/25 | TA:T0 |
|            | [    |   | EPO; JPO;                 |            |       |
|            |      |   | DERWENT;                  |            |       |
|            |      |   | IBM TDB                   |            |       |
| -          | 6    | (("6051850") or ("20030160281") or  | USPAT;                    | 2004/07/25 | 19:22 |
|            |      | ("6204717")).PN.  | US-PGPUB;                 |            | _     |
|            |      |   | EPO; JPO;                 |            |       |
| [          | ]    |   | DERWENT;                  |            |       |
|            |      |   | IBM TDB                   |            | ļ     |